

Office Memorandum

DEPARTMENT POLLUTION CONTROL AGENCY

TO: Larry Gust
Section of Health Risk Assessment
MN Department of Health

DATE: MAY 20 1986

Thru: Velma Charles-Shannon, Administration, Office of Planning and Review

FROM: Gary A. Pulford, Chief *[Signature]*
Site Response Section
Solid and Hazardous Waste Division

PHONE:

SUBJECT: REQUEST FOR HEALTH RISK ASSESSMENTS FOR TWO
RESIDENTIAL WELLS - CASTLE ROCK, MINNESOTA

The Site Response Section staff request that the Minnesota Department of Health (MDH) perform Health Risk Assessments on two (2) residential potable water supply wells located in Castle Rock, Minnesota. Please note that this memorandum serves as a follow-up to a conversation with Shawn Ruotsinoja of my staff regarding this matter.

Attached is a summary of analytical results (pesticides) from water samples taken from these two wells since 1981. Also included, are copies of the MDH Analytical Services report sheets of all sampling results of these wells to date.

We have notified the two well owners as to the recent sampling results and that MDH will notify them concerning the results of the Health Risk Assessments. In addition, we request that you keep us informed of your actions, and copy us on any correspondence. The addresses for the two well owners are:

NON-RESPONSIVE

NON-RESPONSIVE

EPA Region 5 Records Ctr.



385303

943947

If you should have any questions, please contact Shawn Ruotsinoja at (612) 296-7375. Thank you for your assistance.

GAP:sg

Attachment

cc: Ronald Spong, Dakota County Public Health Department
Velma Charles-Shannon, MPCA, Office of Planning and Review

SR 5/15/86
DJA 5/15/86

PRIVATE WELL SAMPLE RESULTS CASTLE ROCK, MINNESOTA

<u>Date Collected</u>	<u>Parameter</u>	<u>NON- Well (ppb)</u>	<u>NON Well (ppb)</u>
November 20, 1981	Alachlor	23.8	---
	Atrazine	11.9	---
January 18, 1982	Alachlor	27.1	---
	Atrazine	20.1	---
April 20, 1982	Alachlor	---	4.76
	Atrazine	---	11.1
March 28, 1986	Alachlor	2.02	58.14
	Atrazine	1.51	66.5
	Metribuzin	0.15	9.32
	Other Unidentified	---	< 10
	Pesticides		
April 22, 1986	Alachlor	8.87	59.2
	Atrazine	7.4	88.8
	Metribuzin	0.83	11.4
	Cyanizine	---	4.3
	Chlorpyrifos	---	0.09
	Simazine	---	1.4
			*

*Analytical services noted unidentified peak and ran sample through GC/MS.
Compound was not identified.